

CATARRH OF THE STOMACH

Could Hardly Eat. Gradually Grew Worse. Relieved by Peruna.



Mr. A. M. Herd.

stomach and there was no cure. I almost thought the same, for my breath was offensive and I could not eat anything without great misery, and I gradually grew worse.

"Finally I concluded to try Peruna, and I found relief and a cure for that dreadful disease, catarrh. I took five bottles of Peruna and two of Manlin, and I now feel like a new man. There is nothing better than Peruna, and I keep a bottle of it in my house all the time."

There are still plenty of green pastures for all the Lord's sheep.

Red Cross Rag Blue, much better, goes further than liquid blue. Get from any grocer.

The man who tries to taper off in sin will soon be in over his head again.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

To strive at all involves a victory achieved over sloth, inactivity and indifference.—Dickens.

CHRISTMAS POST CARDS FREE
Send for sample of our new color and gold embossed Christmas and New Year Post Cards; beautiful colors and lovely designs. Ask Post Card Club, 211 Jackson St., Topeka, Kansas.

When heating a furnace with your enemy, don't forget that you may have to go into it yourself.

For over fifty years Rheumatism, Neuralgia, and other painful ailments have been cured by Hamlin's Wizard Oil. It is a good honest remedy and you will not regret having a bottle ready for use.

Explained.
An old lady, the customer of an Irish farmer, was rather dissatisfied with the watery appearance of her morning's cream and finally she complained very bitterly to him.

"De afay, mum," said Pat. "You see, the weather of late has been so terrific hot that it has scorched all the grass off the pasture land, and Oi have been compelled to feed the pore bastos on water lilies!"—Ideas.

NOT SO SURPRISING.



"They tell me Darling like's dead. Is that right?"
"Sure; shot plumb through the heart."
"Well, I ain't surprised, then; his heart always was weak."

A "Teaser" For Jaded Appetites—Post Toasties
with cream or preserved fruit.

Ready to serve instantly—just open the box and enjoy an extra good dish—Convenient, crisp, delicious, wholesome.

"The Memory Lingers"
Sold by Grocers

Made at the POSTUM CEREAL CO., Ltd., Pure Food Factories, Battle Creek, Mich.

NATIONAL CAPITAL AFFAIRS

Adding Two More Stars to the Flag



WASHINGTON—Now that it seems certain that two new states will be added to the Union by March 4, New Mexico and Arizona being slated for promotion from territories, the flag factories run by the government are in for some busy times. It will be necessary first for the departments here to decide how the new stars shall be placed on the flag. The field of the flag is becoming crowded with stars and it is no easy matter to rearrange them so that the section reserved for constellations may not be haphazardly jumbled. This duty devolves upon officials of the army and navy departments who must meet and decide how the new stars representing the two new states are to be placed on the field of the flag. Then the work of rearranging the field on all the flags owned by Uncle Sam will be begun, and a gigantic task it will be.

The army flags are all remade at the various government depots, the work being given to women who are widows of army men or daughters of veterans with some claim on the government for employment. The naval flags are usually fixed up by the sailors themselves, the Jackies being just as handy with the needle and the sewing machine as the women and

as they have a great deal of leisure time the sailors manage to do their own official needlework when the flags are called in for the addition of stars and the rearrangement of the field of stars.

The addition of one star to the flag sometimes proves an easy task. The amount of work involved depends upon the position of the stars already on the flag. If there is room at the bottom of the last row of stars for the addition of another then it is merely a matter of adding that extra star and this is a comparatively easy job. But the field of stars seldom lends itself in that kind of manner to the work of adding additional stars. The symmetrical arrangement of the stars is a matter of the utmost importance and this requires much thought and skill on the part of the officials to whom is entrusted the work of designing a field with the extra stars added.

The first work when the design of the new flag has been sent out to the arsenals, is to rip off the stars that have to be placed in different positions. This work is done by rows of women who are armed with sharp pointed knives. They place the star to be removed on a padded base that holds the cloth taut. Then they carefully rip out the stitches until the star is removed. This work goes on for weeks and sometimes months, for all the flags in the country must be rearranged. As the stars are ripped off they are dropped in baskets and not used again, new stars being sewn on to replace the discarded ones. The new stars are cut by means of a die.

Uncle Sam Teaches Filipinos to Farm

NOTED professor from the University of Chicago, who spent several months in the Philippine Islands as lecturer at the teachers' vacation assembly, conducted by the bureau of education every year at Baguio, the summer capital of the islands, returned recently to the United States. "Other nations one of these days will be coming to the Philippines to see how the educational triumphs have been won," he said, in speaking of the work of the schools there.

Without question one of the triumphs of America in the Orient is the wonderful work that has been accomplished there by the public school system during the ten years since its organization. From a mere handful of pupils, and an expenditure of a few thousand dollars in 1901, the system has developed until now it reaches into every town and nearly every village of the island, and last year instructed more than 500,000 boys and girls. The Philippine government spent more than \$2,250,000 of local revenue for education.

The services of more than 9,000 American and Filipino teachers are employed in the various schools of the islands as supervisors and class-



room teachers of the academic and technical subjects of the courses of study. The University of Chicago sent Dr. Shepardson and Dr. Goodie, two of its ablest and most successful extension lecturers, to Manila during the past vacation to remain in residence at the vacation assembly of teachers and conduct education courses during the session.

In referring to the class of men and women engaged in the education work there, they speak in the highest terms. "I have seen many gatherings of educators, but none which average higher than this one," said Dr. Shepardson. "The reason, no doubt, is that nowhere else could such a company be found of men and women who are doing pioneer work, who have the spirit of the pioneer, and whose earnestness in pursuing ideals is reflected in conversation and conference talk."

'Federal List of Immortals' Growing



THE so-called "list of immortals" of the United States biological survey—a roster kept by that bureau of all hunting fatalities in this country—already this year has had added to it 47 names. From this information the bureau hopes after a few years to be able to deduce general principles which will be of value in framing "life-saving" federal and state game laws.

"One fact which we have learned during the three years we have kept this record," said Dr. T. S. Palmer, chief of the bureau, "is that there are practically no deer hunting accidents in states which prohibit the shooting of deer. This is because in those states the hunter hesitates a moment

before firing to determine whether the animal is a doe or a buck. In case the animal happens to be the two-legged variety that brief pause before pulling the trigger is enough to save human life." More than 150 persons were killed last year in hunting accidents. This was considerably larger than the number in 1903, which in turn was 50 per cent. in excess of the 1902 fatalities. "Of the 47 killed so far this year," said Dr. Palmer, "the largest number were reported from Michigan, with 15 deaths, New York coming second with nine, Washington and New Jersey being tied for third place with three fatalities each.

"In proportion to its population the United States leads the world in the number of hunters within its borders. Unfortunately it also leads in the proportion of fatal hunting accidents."

"There is five times more interest in game laws in this country than in any other country. We estimate that there are almost 5,000,000 American hunters. In several of the western states the hunters constitute as much as 13 per cent. of the population."

Pay Girls to Paw Over Waste Baskets

UNIQUE among government "jobs" is that of the two women who sit side by side down in the basement of the treasury department and spend the entire day going through the contents of the department waste baskets. They are searching for stray bonds, checks and bills that may through some mishap have fallen into the baskets. The positions of the two women are more important than their place on the treasury rolls would indicate, for some time back one of them fished up a \$10,000 United States coupon bond. The two women have been doing this work for years.

Not a scrap of paper is permitted to be carried out of the treasury department until it has passed the censorship of the official examiners of the waste baskets. There is a rule in the service also that no envelope, letter or slip of paper shall be thrown into a basket until it has been torn



or otherwise mutilated. This disfigurement is a sign to the examiners that the paper was intentionally thrown into the baskets. Consequently a sharp lookout is maintained by the two women examiners for unmarked envelopes and official looking papers.

It sometimes happens that a gust of wind will carry a bond or a check from an official's desk and whisk it into his scrap basket. It is almost as safe there as if it were under lock and key, for the chances are a hundred to one in favor of the examiners rescuing it.

Good for American Detectives.

Detectives who discovered a copy of Oliver Wendell Holmes' poems in the suit case left behind by a burglar decided that they had a good clue to the man's identity. They figured out what a man, who read Oliver Wendell Holmes' poetry would probably look like, and when they saw a man who answered their mental picture they examined him. Of course, it was the very man. American detectives lead the world.

Baptized in Irrigation Ditch.

Probably for the first time in the history of irrigation a new member of the church was immersed in an irrigation ditch in a baptismal ceremony, just west of Irigan, in the Canadian Pacific railway's irrigation block, Alberta.

J. B. Culp, a farmer, and also pastor of the Church of the Brethren, officiated at the ceremony, and Mrs. E. Studebaker was the member who embraced the faith and was immersed in the irrigation ditch.

TALK ON CAPILLARITY

Moisture Steadily Transferred From One Particle to Another.

When Surface of Soil is Left Undisturbed Tubes Come Close Together, Allowing Water to Pass From One to Another.

Now capillarity is a big word, and it means something pertaining to a hair. Now hair has very little to do with the soil and yet "capillarity of the soil" is a common term. Very fine tubes are called capillary, or hair like tubes, and the word capillary is often applied wrongly because we have no better word to express the meaning. For instance, take two sheets of glass and place them in a pan of water, and the water will flow up between them far above the level in the pan, and if the glass is not too long, it will run over the top, writes John Isaac in the Town and Country Journal. This is called capillary attraction. Place a piece of woolen rag in a pan of water and leave one end of it over the side and the water will run up the cloth and over the rim of the pan. This, too, is called capillary attraction, yet in neither case are there any hairs or hair like tubes. Now, in the soil we often speak of the loss of moisture by capillary or capillary attraction, and of capillary tubes through which the water escapes, but there are no such tubes and no continuous passage between the lower moisture in the soil and the surface. But there is a constant flow of water through the soil, and this moisture is being steadily transformed from one particle to another. Now when the surface of the soil is left undisturbed these particles come very close together, and the closer they lie together the more easily the water passes from one to the other. So if the ground is left compact, that is, the soil particles come closer together; this forms a very close connection between the surface and the lower layers, and between these closely compacted particles there are minute spaces through which the water rises with comparative rapidity, this comes to the surface and is evaporated by the sun, so that it is lost to the soil and we say the ground is dry. In speaking of this process it is often said that the moisture escapes through capillary tubes, although as you see, there are no tubes at all, only a close connection between the minute soil particles, which is just as bad, for it affords a continuous passage for the water to come up to the surface and be lost.

To prevent the escape of this moisture too rapidly, some people apply what is known as a mulch to the soil, or to such parts as they wish to protect. This is some kind of covering, straw or other, which will shade the ground and prevent the evaporation of the water by the sun. This, of course, does not prevent the tens of thousands of little pumps which are at work on every square foot of the soil from bringing the moisture to the surface. To check this loss and prevent too much of the water from escaping, we resort to what is called "cultivation." That is we keep the surface always broken up; keep stirring the top soil, so that the connection between the soil particles is broken up and prevented from being continuous. This forms what is called a dust mulch, or a dust covering, and if this is kept from compacting, it prevents the formation of continuous passages for the water which is kept in the soil, until it flows past the trees and plants whose roots take it up and use it for building up their tissues and making fruit and grain. It does not take long for the particles to settle close together again, so that they require frequent stirring up. You will understand from this the philosophy of cultivation, or the frequent stirring of the soil, and why it is necessary.

DURUM OR MACARONI WHEAT

In Dry Northwest It Has Met With Considerable Favor—It Resists Drought Splendidly.

Durum wheat is generally grown as a spring wheat. In the dry northwest it has met with considerable favor. It generally out-yields spring wheat and resists drought splendidly. The greatest objection to growing macaroni wheat in this country has been the lack of market, the millers at first discriminating against it. Analyses indicate that durum wheat has a high value for feeding purposes, being considerably richer in protein than ordinary wheat, says the Wallacey Farmer. It is so hard, though, that it must be ground before being fed. We have reason to suspect that a larger amount of feeding nutrients can be obtained from an acre of durum wheat in a dry season than from any other spring grain unless it be barley or corn.

Durum wheat does not stool quite as much as ordinary spring wheat, and consequently should be sown a little thicker. A bushel and a half to two bushels to the acre is about right.

Garden Suggestions.

Cut away the stalks of all the plants that have completed their flowering. Like the iris. This for two reasons—to prevent the formation of seed and to remove unsightly features. Large clumps of iris foliage alone are very pleasing, but the same clumps with old flower stalks showing among them are not at all attractive.

To make chrysanthemums bushy and compact pinch the branches back from time to time. If this is not done you will be pretty sure to have straggling, awkward shaped plants for which there is no salvation by late pruning. The proper time to train a plant is while it is developing.

Excellent Tonic.

Ventrian red (powdered paint) is composed of sulphate of iron and lime. It is an excellent tonic, and especially valuable in cases of indigestion. The dose is a tablespoonful in one gallon of drinking water.

BEST SOIL FOR DRY FARMING

Only Types of Land Not Adapted Are Alkali, Heavy Gumbo or Light Sandy or Gravelly.

(By H. F. PATTERSON, Montana Station.)

During the past two years we have received a large number of inquiries as to the best type of land for dry farming. There are a number of different types upon which farmers have had good success by following dry farming principles. The only types of soil that are not well adapted to dry farming are alkali lands, heavy gumbo lands, or light sandy or gravelly soils, for the reason that they do not have a good physical condition. The clay and alkali soils are so fine in texture that it is almost impossible for the plants to make use of the moisture that these soils contain. Sandy soils are so open and porous that they will not hold any of the water and so are not well adapted to dry land farming. Of these two types of soil the heavy clay and the sandy, the former is more desirable.

The subsoil is important in determining whether a land is well adapted for dry farming methods or not. The subsoil should be of such a nature as to absorb and hold a large amount of water. It is in the subsoil that we find the moisture reservoir, and unless this soil is of such a character as to hold the moisture, we are going to have a great deal of trouble in trying to dry farm it.

The best type of soil for dry land farming is a sandy clay loam, a soil that has the power of absorbing and holding a large amount of moisture and that can be very easily worked, and upon which the dust mulch can be easily maintained. It is very difficult to maintain a dust mulch upon a heavy clay soil, whereas upon a sandy loam this mulch can be maintained without a great deal of work.

The slope of the land best adapted for dry land agriculture varies with the different localities. Farmers, as a rule, prefer the land that slopes gently towards the north or the northeast. This, however, is not the most important point, but one worthy of full consideration when choosing a farm. The north slope escapes the direct rays of the sun to a degree, is a trifle later starting in the spring, which is frequently an advantage, and is generally not apt to suffer from hot winds and drought.

VALUE OF THE HEIFER BEEF

Meat is Finer in Grain and Better, and There is No Waste—No Reason for Discrimination.

Professor Kennedy of the Iowa college, while in England a few years ago, expressed great surprise at discovering that butchers pay a higher price for heifer beef than for steer beef of the same age and condition of flesh.

Henry Wallace says this was also a surprise to him the first time he went abroad. He found that the butchers were willing to give a premium on heifers over steers and we found that in one or two districts of England butchers would buy only heifers if they could get them.

The reasons given by the butchers are that the grain of the flesh is finer, the bone smaller, and therefore the heifer cuts up better than the steer of the same age and furnishes a better capacity for beef. "We remember when a boy at home," says Mr. Wallace, "when a beef was to be killed in the fall of the year, mother always insisted on killing a heifer, giving the exact reasons stated by Professor Kennedy as given by the butchers at Liverpool—that the meat of the heifer was finer in the grain and better and there was less waste."

There is absolutely no sense or reason for the discrimination made against heifer beef in the United States. With cow beef it is somewhat different, for the reason that a cow that has produced a number of calves will not dress as large a per cent. of beef and the animal being older will not have the same tenderness nor fine quality.

A half a cent a pound, however, should be ample to cover this shrink age; whereas a heifer is really entitled to a premium over the steer or from a quarter to half a cent.

LIVE STOCK NOTES.

There is a growing demand for bacon—good bacon.

Uniformity in the ewes of a flock is always desirable.

It pays and pays big to keep a ram in excellent, vigorous condition.

Exercise will help to make that streak of lean and streak of fat that is desired.

A long, large head, as a rule, indicates a hard, uneasy feeder and a great consumer.

All pure breeds of stock originated from the common stock of the country in which they were developed.

A hog needs all his time to make pork and should not be expected to spend any moments fighting lice.

Nothing is better to free the hog from worms than copperas in the slop for several days in succession.

It is possible the pigs are squealing because they are hungry. Find out there is no profit in starving porkers.

Distillers' dried grain is the dried residue from cereals obtained in the manufacture of alcohol or distilled liquors.

Generally speaking, it costs no more to raise and feed a pure bred animal than it does to raise and feed a scrub animal.

Representative Henry of Texas, in an eloquent and witty attack on international marriages, said the other day in Waco:

"The Honorable Maude Laclands, the little daughter of the Earl of Laclands and a Chicago pork queen, once asked her mother:

"Mamma, how long does a honeymoon last?"

"Lady Laclands with a bitter smile made answer.

"The honeymoon may be said to last, my dear, until your husband begins to pester you for money."

Important to Mothers.
Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of *Dr. J. C. Fitch*. In Use For Over 30 Years. Children Cry for Fletcher's Castoria

The man who looks for good cannot look for anything he will be more certain to find.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, allays pain, cures wind colic, etc. a bottle.

Love never fails, because it never stops trying.

When You Think

Of the pain which many women experience with every month it makes the gentleness and kindness always associated with womanhood seem to be almost a miracle. While in general no woman rebels against what she regards as a natural necessity there is no woman who would not gladly be free from this recurring period of pain.

Dr. Pierce's Favorite Prescription makes weak women strong and sick women well, and drives them freedom from pain. It establishes regularity, subdues inflammation, heals ulceration and cures female weakness.

Sick women are invited to consult Dr. Pierce by letter, free. All correspondence strictly private and sacredly confidential. Write without fear and without fee to World's Dispensary Medical Association, R. V. Pierce, M. D., President, Buffalo, N. Y.

If you want a book that tells all about women's diseases, and how to cure them at home, send 21 one-cent stamps to Dr. Pierce to pay cost of mailing only, and he will send you a free copy of his great thousand-page illustrated Common Sense Medical Adviser—revised, up-to-date edition, in paper covers. In handsome cloth-binding, 31 stamps.



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Your choice of 20,000 Acres of new land. The best water right anywhere. Markets for everything you can raise. Good fruit land. Sheep and hogs to feed and feed for all of them every year.

Good Dairy Country

Market for one million pounds of butter. Market for all the chickens and eggs you can raise. The best potato soil on earth. Irrigation system complete and fully tested by two years use. Ample water, splendid soil.

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RICHFIELD, IDAHO

Write me a personal letter and ask questions. I. W. McConnell, General Manager

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Address: Professor Munyon, 53d and Jefferson streets, Philadelphia, Pa.

Readers—If this paper is doing anything to help you, please send a card to the Editor, stating what you are doing with it, and how you are getting on.

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